

**CONCRETE COMPRESSION
TEST REPORT**



Project: **Production Quality Control**
 Location: **21 Bergin Rd, Foxton**
 Client: **Mastermix & Packaging Ltd**
 Contractor: **Mastermix & Packaging Ltd**
 Sampled by : **Client**
 Date sampled : **28/06/17**
 Sampling method : **Unknown**
 Sample Conditioning: **Nil**
 Source : **Foxton Plant**
 Grade : **Unknown**
 Actual slump (mm): **N/A**
 Specified slump (mm): **N/A**
 Date received: **28/06/2017**

Project No:	5WTLMM.16
Lab Ref No:	Report WA110.1
Client Ref No:	RTU

Test Results				
	WA110	WA110	WA110	WA110
	A	B	C	D
Lab reference no				
Client reference no				
Date made	29/06/2017	29/06/2017	29/06/2017	29/06/2017
Date tested	6/07/2017	6/07/2017	27/07/2017	27/07/2017
Age of material (days)	7	7	28	28
Average diameter (mm)	101.6	101.7	102.7	101.7
Length (mm)	202.5	203.0	202.5	203.5
Mass of cylinder in air (g)	3736.5	3738.8	3827.3	3728.1
Design strength (MPa)	-	-	-	-
Density (kg/m ³)	2280	2280	2290	2280
Height diameter ratio	1.99	2.00	1.97	2.00
Compressive strength (MPa)	21.0	21.5	33.5	36.5
Number of ends capped	One	One	One	One
Defects prior to capping	Nil	Nil	Nil	Nil

Comments
Moulded using 103ml of water / kg of mix

Test Methods
Moulding & Curing NZS 3112 : 1986, Pt 2 Section 3 (amendment No 2 2000)
Capping NZS 3112 : 1986, Pt 2 Section 4 (amendment No 2 2000)
Compression, NZS 3112 : 1986, Pt 2 Section 6, Density, NZS 3112 : 1986, Pt 3 Section 5

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.

Date reported : 27/07/17

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IANZ Approved Signatory

R Jones

Designation : *Laboratory Manager*

Date : 3/08/2017



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

**CONCRETE COMPRESSION
TEST REPORT**



Project: **Material Evaluation**
 Location: **Foxtton Plant**
 Client: **Mastermix and Packaging Ltd**
 Contractor: **Mastermix and Packaging Ltd**
 Sampled by : **Client**
 Date sampled : **07/11/07**
 Sampling method : **Unknown**
 Sample condition **Premix Bag**
 Source : **Foxtton Plant**
 Grade : **-**
 Actual slump (mm): **-**
 Specified slump (mm): **-**
 Date received: **08/11/07**

Project No :	5WT033.M5
Lab Ref No :	Report 2884.1
Client Ref No :	RTU

Test Results				
Lab reference no	2884	2884	2884	2884
Client reference no	A	B	C	D
Date made	13/11/07	13/11/07	13/11/07	13/11/07
Date tested	20/11/07	20/11/07	11/12/07	11/12/07
Age of material (days)	7	7	28	28
Average diameter (mm)	101.7	99.9	102.5	101.9
Length (mm)	202.5	199.5	204.5	203.5
Mass of cylinder in air (g)	3835.5	3655.5	3967.8	3855.8
Design strength (MPa)				
Density (kg/m ³)	2340	2340	2360	2340
Height diameter ratio	1.99	2.00	2.00	2.00
Compressive strength (MPa)	22.0	22.5	43.0	42.5
Number of ends capped	One	One	One	One
Defects prior to capping	Nil	Nil	Nil	Nil

Comments
Cylinders were moulded to NZS 3112: Part 2: Section 3 3.4.1b, Compaction by Vibrating table 3.4.2a, Hardened vertically

Test Methods	Notes
Compression, NZS 3112 : 1986, Pt 2 Clause 6 Density, NZS 3112 : 1986, Pt 3 Clause 5 Capping NZS 3112 : 1986, Pt 2 Clause 4 (amendment No 2 2000)	

Date reported : 11/12/07

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IANZ Approved Signatory

R Jones

Designation : Laboratory Manager

Date : 15/12/07



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation